

=> file ca

=> s (podila, g?)/au  
L1 55 (PODILA, G?)/AU

=> s (liu, j?)/au  
L2 19406 (LIU, J?)/AU

=> s (karnosky, d?)/au  
L3 51 (KARNOSKY, D?)/AU

=> s l1 and l2 and l3  
L4 1 L1 AND L2 AND L3

=> file biosis

=> s l4  
79 (PODILA, G?)/AU  
7793 (LIU, J?)/AU  
89 (KARNOSKY, D?)/AU  
L5 0 L1 AND L2 AND L3

=> file ca

=> d l4 ti py

L4 ANSWER 1 OF 1 CA COPYRIGHT 2004 ACS on STN  
TI Pinus radiata MADS box gene promoter and its use for reproductive  
tissue-specific gene expression and induction of sterility  
PY 2000  
2002  
2003

=> s ((pine or pinus) (10a) (mads or homeotic))/ab,bi

L6 9 ((PINE OR PINUS) (10A) (MADS OR HOMEOTIC))/AB,BI

=> file biosis

=> s l6  
L7 7 ((PINE OR PINUS) (10A) (MADS OR HOMEOTIC))/AB,BI

=> dup rem

L8 11 DUP REM L6 L7 (5 DUPLICATES REMOVED)

=> d l8 1-11 ti py

L8 ANSWER 1 OF 11 CA COPYRIGHT 2004 ACS on STN  
TI Antiquity and evolution of the MADS-box gene family controlling flower  
development in plants  
PY 2003

L8 ANSWER 2 OF 11 CA COPYRIGHT 2004 ACS on STN  
TI MADS-box genes in Ginkgo biloba and the evolution of the AGAMOUS family  
PY 2003

L8 ANSWER 3 OF 11 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
TI A \*\*\*MADS\*\*\* -box gene specifically expressed in the reproductive  
tissues of red \*\*\*pine\*\*\* ( \*\*\*Pinus\*\*\* resinosa) is a homologue to

09/936,869

CAS

Biosis

2/4/03

10 refs ordered

floral \*\*\*homeotic\*\*\* genes with C-function in angiosperms.  
 PY 2003

L8 ANSWER 4 OF 11 CA COPYRIGHT 2004 ACS on STN  
 TI \*\*\*Pinus\*\*\* radiata \*\*\*MADS\*\*\* box gene promoter and its use for  
 reproductive tissue-specific gene expression and induction of sterility  
 PY 2000  
 2002  
 2003

L8 ANSWER 5 OF 11 CA COPYRIGHT 2004 ACS on STN DUPLICATE 1  
 TI A DEF/GLO-like \*\*\*MADS\*\*\* -box gene from a gymnosperm: \*\*\*Pinus\*\*\*  
 radiata contains an ortholog of angiosperm B class floral \*\*\*homeotic\*\*\*  
 genes  
 PY 1999

L8 ANSWER 6 OF 11 CA COPYRIGHT 2004 ACS on STN DUPLICATE 2  
 TI Molecular control of early cone development in Pinus radiata  
 PY 1999

L8 ANSWER 7 OF 11 CA COPYRIGHT 2004 ACS on STN  
 TI Increasing the productivity of timber trees by preventing the development  
 of reproductive structures  
 PY 1998  
 1998


L8 ANSWER 8 OF 11 CA COPYRIGHT 2004 ACS on STN DUPLICATE 3  
 TI A large family of TM3 \*\*\*MADS\*\*\* -box cDNAs in \*\*\*Pinus\*\*\* radiata  
 includes two members with deletions of the conserved K domain  
 PY 1998

L8 ANSWER 9 OF 11 CA COPYRIGHT 2004 ACS on STN DUPLICATE 4  
 TI Family of MADS-box genes expressed early in male and female reproductive  
 structures of Monterey pine  
 PY 1998

L8 ANSWER 10 OF 11 CA COPYRIGHT 2004 ACS on STN DUPLICATE 5  
 TI Structural characterization of \*\*\*Pinus\*\*\* radiata \*\*\*MADS\*\*\* -box  
 DNA sequences isolated by PCR cloning  
 PY 1997

L8 ANSWER 11 OF 11 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 TI Floral \*\*\*MADS\*\*\* -box genes in poplar, \*\*\*pine\*\*\* , and  
 douglas-fir.  
 PY 1993

=> d l8 5-11

L8 ANSWER 5 OF 11 CA COPYRIGHT 2004 ACS on STN DUPLICATE 1   
 AN 132:261224 CA  
 TI A DEF/GLO-like \*\*\*MADS\*\*\* -box gene from a gymnosperm: \*\*\*Pinus\*\*\*  
 radiata contains an ortholog of angiosperm B class floral \*\*\*homeotic\*\*\*  
 genes  
 AU Mouradov, Aidyan; Hamdorf, Britt; Teasdale, Robert D.; Kim, Jan T.;  
 Winter, Kai-Uwe; Theissen, Gunter  
 CS ForBio Research, Indooroopilly, 4069, Australia  
 SO Developmental Genetics (New York) (1999), 25(3), 245-252  
 CODEN: DGNTDW; ISSN: 0192-253X  
 PB Wiley-Liss, Inc.  
 DT Journal  
 LA English  
 RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD

## ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 6 OF 11 CA COPYRIGHT 2004 ACS on STN DUPLICATE 2  
 AN 132:262697 CA  
 TI Molecular control of early cone development in Pinus radiata  
 AU Mouradov, A.; Glassick, T.; Hamdorf, B.; Teasdale, R. D.  
 CS ForBio Research, Indooroopilly, QLD 4068, Australia  
 SO Protoplasma (1999), 208(1-4), 3-12  
 CODEN: PROTA5; ISSN: 0033-183X  
 PB Springer-Verlag Wien  
 DT Journal  
 LA English  
 RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 7 OF 11 CA COPYRIGHT 2004 ACS on STN  
 AN 128:280938 CA  
 TI Increasing the productivity of timber trees by preventing the development  
 of reproductive structures  
 IN Teasdale, Robert Dixon  
 PA F.B. Investments Pty. Ltd., Australia; Teasdale, Robert Dixon  
 SO PCT Int. Appl., 96 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9813503	A1	19980402	WO 1997-AU625	19970923
	AU 9741929	A1	19980417	AU 1997-41929	19970923
PRAI	US 1996-717971		19960923		
	AU 1996-2756		19961004		
	AU 1997-5092		19970213		
	US 1997-804879		19970224		
	WO 1997-AU625		19970923		

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 8 OF 11 CA COPYRIGHT 2004 ACS on STN DUPLICATE 3  
 AN 130:163791 CA  
 TI A large family of TM3 \*\*\*MADS\*\*\* -box cDNAs in \*\*\*Pinus\*\*\* radiata  
 includes two members with deletions of the conserved K domain  
 AU Walden, Adrian R.; Wang, Daniel Y.; Walter, Christian; Gardner, Richard C.  
 CS School of Biological Sciences, University of Auckland, Auckland, N. Z.  
 SO Plant Science (Shannon, Ireland) (1998), 138(2), 167-176  
 CODEN: PLSCE4; ISSN: 0168-9452  
 PB Elsevier Science Ireland Ltd.  
 DT Journal  
 LA English  
 RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 9 OF 11 CA COPYRIGHT 2004 ACS on STN DUPLICATE 4  
 AN 129:65578 CA  
 TI Family of MADS-box genes expressed early in male and female reproductive  
 structures of Monterey pine  
 AU Mouradov, Aidyn; Glassick, Tina V.; Hamdorf, Britt A.; Murphy, Lawrence  
 C.; Marla, Soma S.; Yang, Yumin; Teasdale, Robert D.  
 CS ForBio Research, Toowong, 4066, Australia  
 SO Plant Physiology (1998), 117(1), 55-61  
 CODEN: PLPHAY; ISSN: 0032-0889  
 PB American Society of Plant Physiologists  
 DT Journal

LA English

RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 10 OF 11 CA COPYRIGHT 2004 ACS on STN DUPLICATE 5  
AN 128:266875 CA  
TI Structural characterization of \*\*\*Pinus\*\*\* radiata \*\*\*MADS\*\*\* -box  
DNA sequences isolated by PCR cloning  
AU Wang, Daniel Yunqiu; Bradshaw, Rosie E.; Walter, Christian; Connett, Marie  
B.; Fountain, David W.  
CS Gene Expression Laboratory, Molecular and Cell Biology Section,  
Bio-Resources Technology Division, Forestry and Forest Product Research  
Institute, Tsukuba, 305, Japan  
SO New Zealand Journal of Forestry Science (1997), 27(1), 3-10  
CODEN: NZFSAP; ISSN: 0048-0134  
PB New Zealand Forest Research Institute  
DT Journal  
LA English

RE.CNT 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 11 OF 11 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1993:219555 BIOSIS  
DN PREV199344104055  
TI Floral \*\*\*MADS\*\*\* -box genes in poplar, \*\*\*pine\*\*\* , and  
douglas-fir.  
AU Nyers, Lorraine S.; Doerksen, Allen H.; Krupkin, Alex B.; Strauss, Steven  
H.  
CS Dep. For. Sci., Genet. Program, Oreg. State Univ., Corvallis, OR  
97331-7501, USA  
SO Journal of Cellular Biochemistry Supplement, (1993) Vol. 0, No. 17 PART B,  
pp. 22.  
Meeting Info.: Keystone Symposium on Evolution and Plant Development.  
Taos, New Mexico, USA. January 26-February 1, 1993.  
ISSN: 0733-1959.  
DT Conference; (Meeting)  
LA English  
ED Entered STN: 3 May 1993  
Last Updated on STN: 3 May 1993

=> file ca  
=> s ((pinus or pine) and agamous)/ab,bi

L9 5 ((PINUS OR PINE) AND AGAMOUS)/AB,BI

=> s l9 not l6  
L10 3 L9 NOT L6

=> file biosis

=> s l10  
7 ((PINE OR PINUS) (10A) (MADS OR HOMEOTIC))/AB,BI  
L11 0 L9 NOT L6

=> file ca

=> d l10 1-3 ti py

L10 ANSWER 1 OF 3 CA COPYRIGHT 2004 ACS on STN  
TI Regulated promoters of timber trees and their use in the expression of  
foreign genes in the manipulation of timber properties  
PY 2003

2002  
2000  
2003  
2001  
2002  
2003

L10 ANSWER 2 OF 3 CA COPYRIGHT 2004 ACS on STN  
TI Use of ectopic expression of the AGL8 gene to control lignin biosynthesis  
in transgenic plants  
PY 2002  
2002  
2002  
2002  
2002  
2003

L10 ANSWER 3 OF 3 CA COPYRIGHT 2004 ACS on STN  
TI Plant gene promoters for the modification of gene expression  
PY 2001  
2003  
2003  
2003  
2003

=> s (agamous(10a)(antisense or anti(w)sense))/ab,bi

L12 3 (AGAMOUS(10A)(ANTISENSE OR ANTI(W)SENSE))/AB,BI

=> file biosis

=> s l12

L13 2 (AGAMOUS(10A)(ANTISENSE OR ANTI(W)SENSE))/AB,BI

=> dup rem

L14 3 DUP REM L12 L13 (2 DUPLICATES REMOVED)

=> d l14 1-3 ti py

L14 ANSWER 1 OF 3 CA COPYRIGHT 2004 ACS on STN  
TI Liquidambar styraciflua AGAMOUS (lsag) gene  
PY 2002

L14 ANSWER 2 OF 3 CA COPYRIGHT 2004 ACS on STN DUPLICATE 1  
TI Ectopic hypermethylation of flower-specific genes in Arabidopsis  
PY 2000

L14 ANSWER 3 OF 3 CA COPYRIGHT 2004 ACS on STN DUPLICATE 2  
TI Isolation of the tomato AGAMOUS gene TAG1 and analysis of its homeotic  
role in transgenic plants  
PY 1994

=> d l14 3

L14 ANSWER 3 OF 3 CA COPYRIGHT 2004 ACS on STN DUPLICATE 2 have  
AN 121:247828 CA  
TI Isolation of the tomato AGAMOUS gene TAG1 and analysis of its homeotic  
role in transgenic plants  
AU Pnueli, Lilac; Hareven, Dana; Rounsley, Steven D.; Yanofsky, Martin F.;  
Lifschitz, Eliezer  
CS Dep. Biol., Technion-Israel Inst. Technol., Hafia, 32000, Israel

SO Plant Cell (1994), 6(2), 163-73  
CODEN: PLCEEW; ISSN: 1040-4651  
DT Journal  
LA English

=> file ca

=> s ((pinus or pine) and (homeotic or mads))/ab,bi

L15 12 ((PINUS OR PINE) AND (HOMEOTIC OR MADS))/AB,BI

=> s l15 not l6

L16 3 L15 NOT L6

=> file biosis

=> s l16

L17 7 ((PINE OR PINUS) (10A) (MADS OR HOMEOTIC))/AB,BI  
3 L15 NOT L6

=> dup rem

L18 4 DUP REM L16 L17 (2 DUPLICATES REMOVED)

=> d l18 1-4 ti py

L18 ANSWER 1 OF 4 CA COPYRIGHT 2004 ACS on STN DUPLICATE 1  
TI Characterization of a FLORICAULA/LEAFY homolog of Gnetum parvifolium and  
its implications for the evolution of reproductive organs in seed plants  
PY 2001

L18 ANSWER 2 OF 4 CA COPYRIGHT 2004 ACS on STN  
TI Recombinant expression cassettes for transformation of plant or other  
eukaryotes and regulation of gene expression in eukaryotes  
PY 1997  
1997  
1997  
1998  
1999  
2000  
1998

L18 ANSWER 3 OF 4 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
TI Genetically engineering sterility in loblolly \*\*\*pine\*\*\* (  
\*\*\*Pinus\*\*\* taeda).  
PY 1997

L18 ANSWER 4 OF 4 CA COPYRIGHT 2004 ACS on STN DUPLICATE 2  
TI The search for flower \*\*\*homeotic\*\*\* gene homologs in basal  
angiosperms and gnetales: a potential new source of data on the  
evolutionary origin of flowers  
PY 1997

=> d l18 ab 2 4

=> d l18 2-3

L18 ANSWER 2 OF 4 CA COPYRIGHT 2004 ACS on STN  
AN 127:230348 CA  
TI Recombinant expression cassettes for transformation of plant or other  
eukaryotes and regulation of gene expression in eukaryotes  
IN Teasdale, Robert Dixon; Mouradov, Aidyn; Southerton, Simon George;

Sawbridge, Timothy Ivor  
Forbio Research Pty. Ltd., Australia; Teasdale, Robert Dixon; Mouradov,  
Aidyn; Southerton, Simon George; Sawbridge, Timothy Ivor  
PCT Int. Appl., 87 pp.  
CODEN: PIXXD2

Patent  
English

AN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9730162	A1	19970821	WO 1997-AU89	19970219
CA 2259456	AA	19970821	CA 1997-2259456	19970219
AU 9717132	A1	19970902	AU 1997-17132	19970219
EP 882133	A1	19981209	EP 1997-904302	19970219
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
CN 1216066	A	19990505	CN 1997-193833	19970219
JP 2000504577	T2	20000418	JP 1997-528833	19970219
NO 9803775	A	19981015	NO 1998-3775	19980818
RAI AU 1996-8161	A	19960219		
WO 1997-AU89	W	19970219		

18 ANSWER 3 OF 4 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
N 1997:381913 BIOSIS  
N PREV199799681116  
I Genetically engineering sterility in loblolly \*\*\*pine\*\*\* (  
\*\*\*Pinus\*\*\* taeda).  
U Perera, Ranjan; Grass, Jeffrey; Pullman, Gerald; Cairney, John [Reprint  
S author]  
Inst. Paper Sci. Technol., Forest Biol. Group, 500 10th St., Atlanta, GA  
30318, USA  
O Plant Physiology (Rockville), (1997) Vol. 114, No. 3 SUPPL., pp. 297.  
Meeting Info.: PLANT BIOLOGY '97: 1997 Annual Meetings of the American  
Society of Plant Physiologists and the Canadian Society of Plant  
Physiologists, Japanese Society of Plant Physiologists and the Australian  
Society of Plant Physiologists. Vancouver, British Columbia, Canada.  
August 2-6, 1997.  
CODEN: PLPHAY. ISSN: 0032-0889.  
T Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
Conference; (Meeting Poster)  
A English  
D Entered STN: 4 Sep 1997  
Last Updated on STN: 4 Sep 1997

> file ca

> s (pinus(w)radiata and (homeotic or agamous))/ab,bi

19 6 (PINUS(W)RADIATA AND (HOMEOTIC OR AGAMOUS))/AB,BI

> s 119 not 16

20 3 L19 NOT L6

> file biosis

> s 120

21 1 L19 NOT L6

> dup rem

22 3 DUP REM L20 L21 (1 DUPLICATE REMOVED)

> d l22 1-3 ti py

22 ANSWER 1 OF 3 CA COPYRIGHT 2004 ACS on STN  
I Regulated promoters of timber trees and their use in the expression of  
foreign genes in the manipulation of timber properties  
Y 2003  
2002  
2000  
2003  
2001  
2002  
2003

22 ANSWER 2 OF 3 CA COPYRIGHT 2004 ACS on STN  
I Plant gene promoters for the modification of gene expression  
Y 2001  
2003  
2003  
2003  
2003

22 ANSWER 3 OF 3 CA COPYRIGHT 2004 ACS on STN DUPLICATE 1  
I Characterization of a FLORICAULA/LEAFY homolog of Gnetum parvifolium and  
its implications for the evolution of reproductive organs in seed plants  
Y 2001

=> file ca

=> s l1 or l2 or l3  
L23 19503 L1 OR L2 OR L3

=> s l23 and (mads or homeotic or promoter?)/ab,bi

L24 337 L23 AND (MADS OR HOMEOTIC OR PROMOTER?)/AB,BI

=> s l23 and (mads or homeotic)/ab,bi

L25 7 L23 AND (MADS OR HOMEOTIC)/AB,BI

=> file biosis

=> s l25  
L26 11 L23 AND (MADS OR HOMEOTIC)/AB,BI

=> dup rem  
L27 13 DUP REM L25 L26 (5 DUPLICATES REMOVED)

=> d l27 1-13 ti py

L27 ANSWER 1 OF 13 CA COPYRIGHT 2004 ACS on STN DUPLICATE 1  
TI Sequence-specific recruitment of transcriptional co-repressor Cabin1 by  
myocyte enhancer factor-2  
PY 2003

L27 ANSWER 2 OF 13 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
TI A \*\*\*MADS\*\*\* -box gene specifically expressed in the reproductive  
tissues of red pine (Pinus resinosa) is a homologue to floral  
\*\*\*homeotic\*\*\* genes with C-function in angiosperms.  
PY 2003



7 ANSWER 3 OF 13 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 \*\*\*MADS\*\*\* -box genes in dioecious aspen I: Characterization of PTM1  
 and PTM2 floral \*\*\*MADS\*\*\* -box genes.  
 2003

7 ANSWER 4 OF 13 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 Characterization of PTM5 in aspen trees: A \*\*\*MADS\*\*\* -box gene  
 expressed during woody vascular development.  
 2003

7 ANSWER 5 OF 13 CA COPYRIGHT 2004 ACS on STN DUPLICATE 2  
 HUA ENHANCER2, a putative DEXH-box RNA helicase, maintains  
 \*\*\*homeotic\*\*\* B and C gene expression in Arabidopsis  
 2002

7 ANSWER 6 OF 13 CA COPYRIGHT 2004 ACS on STN DUPLICATE 3  
 HEN1 functions pleiotropically in Arabidopsis development and acts in C  
 function in the flower  
 2002

7 ANSWER 7 OF 13 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 Characterization and functional analysis of floral \*\*\*MADS\*\*\* -box  
 genes in aspen trees.  
 2001

7 ANSWER 8 OF 13 CA COPYRIGHT 2004 ACS on STN  
 Pinus radiata \*\*\*MADS\*\*\* box gene promoter and its use for  
 reproductive tissue-specific gene expression and induction of sterility  
 2000  
 2002  
 2003

7 ANSWER 9 OF 13 CA COPYRIGHT 2004 ACS on STN  
 Cloning and characterization of two cDNAs encoding rice \*\*\*MADS\*\*\* box  
 protein  
 2000

7 ANSWER 10 OF 13 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 Functional analysis of PtAGL4: A \*\*\*MADS\*\*\* -box gene involved in  
 flowering time and branching pattern in aspen trees.  
 2000

7 ANSWER 11 OF 13 CA COPYRIGHT 2004 ACS on STN DUPLICATE 4  
 Corneal epithelium-specific mouse keratin K12 promoter  
 1999

7 ANSWER 12 OF 13 CA COPYRIGHT 2004 ACS on STN DUPLICATE 5  
 A \*\*\*MADS\*\*\* box gene homologous to AG is expressed in seedlings as  
 well as in flowers of ginseng  
 1998

7 ANSWER 13 OF 13 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 Isolation and characterization of reproductive tissue specific genes from  
 Populus tremuloides.  
 1998

> d 127 12-13 ab

> file ca

> s (arabidopsis (10a) (rnase? or ribonuclease?))/ab,bi

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L28      33 (ARABIDOPSIS (10A) (RNASE? OR RIBONUCLEASE?))/AB,BI
=> file biosis

=> s l28
L29      20 (ARABIDOPSIS (10A) (RNASE? OR RIBONUCLEASE?))/AB,BI

=> dup rem
L30      39 DUP REM L28 L29 (14 DUPLICATES REMOVED)

=> d l30 1-39 ti py

L30 ANSWER 1 OF 39 CA COPYRIGHT 2004 ACS on STN
TI Protein and cDNA sequence of RNase D domain protein of rice and methods of
PY controlling gene expression and gene silencing
2003

L30 ANSWER 2 OF 39 CA COPYRIGHT 2004 ACS on STN
TI Constitutive promoters of Arabidopsis and their use in expression of
PY foreign genes in transgenic plants
2003
2003
2003
2003

L30 ANSWER 3 OF 39 CA COPYRIGHT 2004 ACS on STN
TI Constitutive promoters of Arabidopsis and their use in expression of
PY foreign genes in transgenic plants
2003
2003

L30 ANSWER 4 OF 39 CA COPYRIGHT 2004 ACS on STN
TI Plant dicistronic tRNA-snoRNA genes: A new mode of expression of the small
PY nucleolar RNAs processed by RNase Z
2003

L30 ANSWER 5 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 1
TI A gene encoding an RNase D exonuclease-like protein is required for
PY post-transcriptional silencing in Arabidopsis
2003

L30 ANSWER 6 OF 39 CA COPYRIGHT 2004 ACS on STN
TI Assigning a function to a conserved group of proteins: the tRNA
PY 3'-processing enzymes
2002

L30 ANSWER 7 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 2
TI Local and systemic wound-induction of ***RNase*** and nuclease
PY activities in ***Arabidopsis*** : RNS1 as a marker for a JA-independent
systemic signaling pathway
2002

L30 ANSWER 8 OF 39 CA COPYRIGHT 2004 ACS on STN
TI Molecular cloning of cDNAs encoding ribonuclease-related proteins in
PY Nicotiana glutinosa leaves, as induced in response to wounding or to
TMV-infection
2002

L30 ANSWER 9 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 3
TI AhSL28, a senescence- and phosphate starvation-induced S-like RNase gene
PY in Antirrhinum
2002

```

L30 ANSWER 10 OF 39 CA COPYRIGHT 2004 ACS on STN  
 TI Regulation and function of \*\*\*Arabidopsis\*\*\* thaliana secreted  
 \*\*\*ribonucleases\*\*\*  
 PY 2001

L30 ANSWER 11 OF 39 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 TI Molecular characterization of two Arabidopsis Ire1 homologs, endoplasmic  
 reticulum-located transmembrane protein kinases.  
 PY 2001

L30 ANSWER 12 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 4  
 TI A senescence-associated S-like RNase in the multicellular green alga  
 Volvox carteri  
 PY 2001

L30 ANSWER 13 OF 39 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 TI Effects of wounding on \*\*\*RNase\*\*\* induction in \*\*\*Arabidopsis\*\*\*  
 thaliana: RNS1 defines a novel signaling pathway.  
 PY 2001

L30 ANSWER 14 OF 39 CA COPYRIGHT 2004 ACS on STN  
 TI SPL gene of Arabidopsis and method for control of meiocyte formation in  
 plants  
 PY 2000  
 2000  
 2000  
 2001  
 2001  
 2001

L30 ANSWER 15 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 5  
 TI The RNase PD2 gene of almond (Prunus dulcis) represents an evolutionarily  
 distinct class of S-like RNase genes  
 PY 2000

L30 ANSWER 16 OF 39 CA COPYRIGHT 2004 ACS on STN  
 TI The complete sequence of a heterochromatic island from a higher eukaryote  
 PY 2000

L30 ANSWER 17 OF 39 CA COPYRIGHT 2004 ACS on STN  
 TI Conditional identification of phosphate-starvation-response mutants in  
 Arabidopsis thaliana  
 PY 2000

L30 ANSWER 18 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 6  
 TI Disruption of an RNA helicase/ \*\*\*RNase\*\*\* III gene in  
 \*\*\*Arabidopsis\*\*\* causes unregulated cell division in floral meristems  
 PY 1999

L30 ANSWER 19 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 7  
 TI Regulation of S-like \*\*\*ribonuclease\*\*\* levels in \*\*\*Arabidopsis\*\*\*  
 . Antisense inhibition of RNS1 or RNS2 elevates anthocyanin accumulation  
 PY 1999

L30 ANSWER 20 OF 39 CA COPYRIGHT 2004 ACS on STN  
 TI Control of \*\*\*ribonucleases\*\*\* in response to phosphate limitation:  
 induction of RNS1 in \*\*\*Arabidopsis\*\*\*  
 PY 1999

L30 ANSWER 21 OF 39 CA COPYRIGHT 2004 ACS on STN  
 TI High-efficiency cloning of Arabidopsis full-length cDNA by biotinylated  
 CAP trapper  
 PY 1998

L30 ANSWER 22 OF 39 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
TI Efficient in vitro transcription of plant nuclear tRNAs<sup>r</sup> genes in a  
PY 1997 nuclear extract from tobacco cultured cells.

L30 ANSWER 23 OF 39 CA COPYRIGHT 2004 ACS on STN  
TI Molecular characterization of the AP19 gene family in Arabidopsis  
PY 1997 thaliana: components of the Golgi AP-1 clathrin assembly protein complex

L30 ANSWER 24 OF 39 CA COPYRIGHT 2004 ACS on STN  
TI Identification of three genetic loci controlling leaf senescence in  
PY 1997 Arabidopsis thaliana

L30 ANSWER 25 OF 39 CA COPYRIGHT 2004 ACS on STN  
TI The RNS family of S-like \*\*\*ribonucleases\*\*\* of \*\*\*Arabidopsis\*\*\*  
PY 1996 thaliana: structures, expression and functions (gene expression)

L30 ANSWER 26 OF 39 CA COPYRIGHT 2004 ACS on STN  
TI Identification and characterization of \*\*\*ribonucleases\*\*\* in  
PY 1996 \*\*\*Arabidopsis\*\*\* thaliana

L30 ANSWER 27 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 8  
TI The sink-specific and stress-regulated Arabidopsis STP4 gene: enhanced  
PY 1996 expression of a gene encoding a monosaccharide transporter by wounding, elicitors, and pathogen challenge

L30 ANSWER 28 OF 39 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
TI An investigation of the role of the anther tapetum during microspore  
PY 1995 development using genetic cell ablation.

L30 ANSWER 29 OF 39 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
TI Expression of a \*\*\*ribonuclease\*\*\* in response to phosphate starvation  
PY 1995 in \*\*\*Arabidopsis\*\*\* thaliana.

L30 ANSWER 30 OF 39 CA COPYRIGHT 2004 ACS on STN  
TI Controlling plant pathogenic fungi and nematodes with ribonucleases  
PY 1994  
1995  
1994

L30 ANSWER 31 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 9  
TI Porphobilinogen deaminase is encoded by a single gene in Arabidopsis  
PY 1994 thaliana and is targeted to the chloroplasts

L30 ANSWER 32 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 10  
TI The \*\*\*Arabidopsis\*\*\* \*\*\*ribonuclease\*\*\* gene RNS1 is tightly  
PY 1994 controlled in response to phosphate limitation

L30 ANSWER 33 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 11  
TI Structure and expression of Arabidopsis acetyl-coenzyme A carboxylase gene  
PY 1994

L30 ANSWER 34 OF 39 CA COPYRIGHT 2004 ACS on STN

TI Determinants of mRNA stability in higher plants  
PY 1994

L30 ANSWER 35 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 12  
TI RNS2: A senescence-associated \*\*\*RNase\*\*\* of \*\*\*Arabidopsis\*\*\*  
that diverged from the S- \*\*\*RNases\*\*\* before speciation  
PY 1993

L30 ANSWER 36 OF 39 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
TI RNS2: A senescence-associated \*\*\*RNase\*\*\* of \*\*\*Arabidopsis\*\*\*  
that diverged from the S- \*\*\*RNases\*\*\* before speciation before  
speciation.  
PY 1993


L30 ANSWER 37 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 13  
TI Identification and properties of the major \*\*\*ribonucleases\*\*\* of  
\*\*\*Arabidopsis\*\*\* thaliana  
PY 1991


L30 ANSWER 38 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 14  
TI Genes with homology to fungal and S-gene \*\*\*RNases\*\*\* are expressed in  
\*\*\*Arabidopsis\*\*\* thaliana  
PY 1991

L30 ANSWER 39 OF 39 CA COPYRIGHT 2004 ACS on STN  
TI Biochemical aspects of a genetically determined variegation in Arabidopsis  
PY 1967

=> d l30 ab 19 23 25 26 28 29 32 35 37 38

=> d l30 18 19 25 26 28 29 35 38

L30 ANSWER 18 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 6   
AN 132:191890 CA  
TI Disruption of an RNA helicase/ \*\*\*RNase\*\*\* III gene in  
\*\*\*Arabidopsis\*\*\* causes unregulated cell division in floral meristems  
AU Jacobsen, Steven E.; Running, Mark P.; Meyerowitz, Elliot M.  
CS Division of Biology 156-29, California Institute of Technology, Pasadena,  
CA, 91125, USA  
SO Development (Cambridge, United Kingdom) (1999), 126(23), 5231-5243  
CODEN: DEVPED; ISSN: 0950-1991  
PB Company of Biologists Ltd.  
DT Journal  
LA English  
RE.CNT 57 THERE ARE 57 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L30 ANSWER 19 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 7   
AN 130:234741 CA  
TI Regulation of S-like \*\*\*ribonuclease\*\*\* levels in \*\*\*Arabidopsis\*\*\*  
. Antisense inhibition of RNS1 or RNS2 elevates anthocyanin accumulation  
AU Bariola, Pauline A.; MacIntosh, Gustavo C.; Green, Pamela J.  
CS Department of Energy Plant Research Laboratory and Department of  
Biochemistry, Michigan State University, East Lansing, MI, 48824-1312, USA  
SO Plant Physiology (1999), 119(1), 331-342  
CODEN: PLPHAY; ISSN: 0032-0889  
PB American Society of Plant Physiologists  
DT Journal  
LA English  
RE.CNT 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD  
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L30 ANSWER 25 OF 39 CA COPYRIGHT 2004 ACS on STN  
AN 127:106627 CA  
FI The RNS family of S-like \*\*\*ribonucleases\*\*\* of \*\*\*Arabidopsis\*\*\*  
thaliana: structures, expression and functions (gene expression)  
AU Bariola, Pauline Anne  
CS Michigan State Univ., East Lansing, MI, USA  
SO (1996) 182 pp. Avail.: UMI, Order No. DA9718808  
From: Diss. Abstr. Int., B 1997, 58(1), 179  
DT Dissertation  
LA English

L30 ANSWER 26 OF 39 CA COPYRIGHT 2004 ACS on STN  
AN 127:47682 CA  
FI Identification and characterization of \*\*\*ribonucleases\*\*\* in  
\*\*\*Arabidopsis\*\*\* thaliana  
AU Howard, Christie Jean  
CS Michigan State Univ., East Lansing, MI, USA  
SO (1996) 138 pp. Avail.: UMI, Order No. DA9718832  
From: Diss. Abstr. Int., B 1997, 58(1), 91  
DT Dissertation  
LA English

L30 ANSWER 28 OF 39 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1995:500096 BIOSIS  
ON PREV199598523646  
FI An investigation of the role of the anther tapetum during microspore  
development using genetic cell ablation.  
AU Roberts, Michael R.; Boyes, Elaine; Scott, Rod J. [Reprint author]  
CS Dep. Bot., Univ. Leicester, University Rd., Leicester LE1 7RH, UK  
SO Sexual Plant Reproduction, (1995) Vol. 8, No. 5, pp. 299-307. \*  
ISSN: 0934-0882.  
DT Article  
LA English  
ED Entered STN: 29 Nov 1995  
Last Updated on STN: 29 Nov 1995

L30 ANSWER 29 OF 39 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1995:337427 BIOSIS  
ON PREV199598351727  
FI Expression of a \*\*\*ribonuclease\*\*\* in response to phosphate starvation  
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AU Howard, Christie J. [Reprint author]; Bariola, Pauline A.; Green, Pamela  
J.  
CS Dep. Energy-Plant Res. Lab., Mich. State Univ., East Lansing, MI  
48824-1312, USA  
SO Plant Physiology (Rockville), (1995) Vol. 108, No. 2 SUPPL., pp. 26.  
Meeting Info.: Annual Meeting of the American Society of Plant  
Physiologists. Charlotte, North Carolina, USA. July 29-August 2, 1995.  
CODEN: PLPHAY. ISSN: 0032-0889.  
DT Conference; (Meeting)  
LA Conference; Abstract; (Meeting Abstract)  
ED English  
Entered STN: 2 Aug 1995  
Last Updated on STN: 2 Aug 1995

L30 ANSWER 35 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 12  
AN 119:90020 CA  
FI RNS2: A senescence-associated \*\*\*RNase\*\*\* of \*\*\*Arabidopsis\*\*\*  
that diverged from the S- \*\*\*RNases\*\*\* before speciation  
AU Taylor, Crispin B.; Bariola, Pauline A.; DelCardayre, Stephen B.; Raines,  
S Ronald T.; Green, Pamela J.  
Dep. Biochem., Michigan State Univ., East Lansing, MI, 48824-1312, USA

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CODEN: PNASA6; ISSN: 0027-8424  
DT Journal  
LA English

L30 ANSWER 38 OF 39 CA COPYRIGHT 2004 ACS on STN DUPLICATE 14  
AN 115:152267 CA  
TI Genes with homology to fungal and S-gene \*\*\*RNases\*\*\* are expressed in  
\*\*\*Arabidopsis\*\*\* thaliana  
AU Taylor, Crispin B.; Green, Pamela J.  
CS Dep. Biochem., Michigan State Univ., East Lansing, MI, 48824-1312, USA  
SO Plant Physiology (1991), 96(3), 980-4  
CODEN: PLPHAY; ISSN: 0032-0889  
DT Journal  
LA English

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